her	ISBN	ISBN - 0495107050		Publisher - Thomson Learning				7		
sildn	Biology									VIO ec
Provided by the Publisher	Type - P1 Author - Solomon/Berg/Martin					o de la companya de l				
ed by	Copyr	ight - 2008	h	R	eadal	oility -	10.7 Flesch-l	Kincaid	<u> </u>	
ovide	Cours	e - AP Biology			G	Grade(s) - 9,10,11,12				
Ţ	Teach	ner Edition ISBN	l if applicable						0495114	1189
	Overall Recommendation: Recommended as Basal					Basal				
	Teacher's edition was not sent nor was considered in the review process. Text appropriate only for AP Biology course. Font is small, text fills ALL of the space not covered with the few illustrations and graphs. Few critical thinking activities. The text is fact filled.									
CRITERIA This basal resource										
•	A. Encompasses KY Content Standards & Grade Level Expectations ☐ Moderate Evidence ☐ Little or No Evidence									
	☐ Text is designed to be used in an elective course outside the Program of Studies									
	1) Inc	ludes the 7 Bi	g Ideas of so	ience to the f	ollowir	ıg ext	ent:			
	a)	Structure and	Transformati	on of Matter	of Matter Stron			g 🔲 Moderate	e 🗌 Little	□ N/A
	b)	Motion and Fo	orces				Stron	g 🔲 Moderate	e 🔲 Little	⊠ N/A
	c) The Earth and the Universe)			Stron	g Moderate	e 🔲 Little	⊠ N/A
	d)	Unity and Dive	ersity				Strone St	g 🔲 Moderate	e 🗌 Little	□ N/A
	e)	Biological Cha	•					g 🔲 Moderate		
	f)	Energy Transf	ormation				Strone St	g 🔲 Moderate	e 🔲 Little	□ N/A
	g)	Interdepender					Strone St	g 🔲 Moderate	e 🔲 Little	□ N/A
	2) Ad	dresses conte derstandings f indards.			of Stud	ies	⊠ Stron	g 🔲 Moderate	e 🗌 Little	□ N/A
	3) Addresses content-specific skills and concepts from the related Program of Studies standards.			om	⊠ Stron	g 🗌 Moderate	e 🔲 Little	□ N/A		

4) Content addressed is current, relevant and non-trivial	Strong				
5) Provides opportunities for critical thinking/reasoning	ng ☐ Strong ☐ Moderate ☑ Little ☐ N/A				
 6) Strengths, Weaknesses, Comments: Specific strengths-which areas/concepts are covere Specific weaknesses-which areas/concepts would limited. 					
Each chapter contains critical thinking questions, 4-5 at the end of each chapter (p. 105). Unable to access Teacher Edition.					
B. Functionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence				
1) Suitability	Strong				
 Should be suitable for use with a diverse population ethnicity, gender, religion, social and/or geographic any kind. 					
2) Content quality	Strong				
 Free from factual errors Content is presented conceptually when possible— Content included accurately represents the knowled Theories/scientific models contained represent a broadeness. 	dge base of the discipline				
3) Connections to Literacy Note: may apply to either student or teacher edition	Strong Moderate Little				
 Employs a variety of reading levels and is grade/level appropriate Contains pre, during, post reading activities Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles. Student text provides opportunity to integrate reading and writing Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text and glossary Engaging text- does the text facilitate learning? Does understanding the text require having performed the imbedded activities? 					
4) Connections to Technology	☐ Strong ☐ Moderate ☒ Little				
 Integrates technology and reflects the impact of technology in the collection and/or manipulation 					
5) Support for Diverse Learners	☐ Strong ☐ Moderate ☒ Little				

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
 Note: may apply only to teacher edition

6) Strengths, Weaknesses, Comments:

• Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Photographs show diverse population. Level of reading appropriate for advanced Biology students. Key concepts listed in introductory session at the beginning of each chapter. Key terms with summary at the end of each chapter, with page numbers. 4) Text contains reference to www.thomsonedu.com/logic ThomsonNOW. 5) appropriate for advanced level high school students.

C. Supports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence		
1) Promotes Inquiry, research and Application of Learning	☐ Strong ☑ Moderate ☐ Little		
 Provides opportunities for inquiry and research that includes activities such as self-selecting topics, formulating authentic questions, gathering information, researching resources, observing interviewing, and evaluating information, analyzing and synthesizing data and communicating 			

- findings and conclusions.
 Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, time lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.
 Note: may apply to either teacher or student edition

2) Skill Development

Strong	M	oderate	\boxtimes	Little
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- Provides opportunities to make sense of data
- Provides opportunities for critical thinking and reasoning (analyze arguments, distinguish fact/opinion, recognize bias)
- Provides opportunities to examine a range of types of evidence
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

No data analysis, Some inquiry questions at end of chapter. No application in the textbook.

D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence			
1) Engages Students ☐ Strong ☑ Moderate ☐ Litt				
 Includes content geared to the needs, interests, and abilities of students Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering. Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels Activities are truly congruent to the concepts addressed, not merely correlated <i>Note: may apply to either teacher or student edition</i> 				
2) Uses Assessment to Inform Instruction	☐ Strong ☐ Moderate ☒ Little			
 Includes multiple means of assessment as an integral part of instr Provides evaluation measures in the teacher edition that supports Embedded assessments reflect a variety of Depth of Knowledge Note: may apply to either teacher or student edition Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong evaluation standards 	differentiated learning activities evels			
No real-life situations, uses a variety of illustrations and photographs to motivate students. No activities in student textfacts only. Student text typical of an AP course.				
E. Has an Organization/ Format that Supports Learning and Teaching	☐ Strong Evidence ☑ Moderate Evidence ☐ Little or No Evidence			
1) Organizational Quality	☐ Strong ☑ Moderate ☐ Little			
 Print and/or electronic materials present minimal barriers to learners Presents chapters/lessons in an organized and logical sequence Provides clearly stated objectives for each lesson. Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability. Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer 				

reinforce content standards.

• Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers

Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that

software, web-based components) as either student or teacher resources

in using the book effectively

• Uses grade-appropriate type size

Included media are durable, easy to use and have technical merit

• Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

☐ Strong ☐ Moderate ☒ Little

 Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Student text in very small font. Chapter headings and subsection headings are in colored/bold print. Good illustrations, but layout is too busy (packed full of text, not enough white space). 2) teacher text not available for review.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

\times	Strong Evidence
	Moderate Evidence
	Little or No Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving

2) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Ancillary components are study guide and lab manual. Test generator , Lecture powerpoint and Web site available. Materials not reviewed in this process.